

# Chem-Impex International, Inc.

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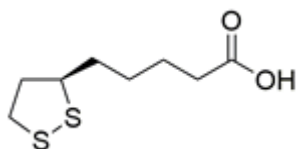
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

Catalogue Number	39673
Product	<b>(R)-<math>\alpha</math>-Lipoic acid</b> (R)-Thioctic acid (R)-1,2-Dithiolane-3-valeric acid
CAS Number	1200-22-2
Molecular Formula	C <sub>8</sub> H <sub>14</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight	206.32

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Appearance	Light yellow to yellow powder
Melting Point	48 - 51 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 110 - 120 ° (C=1 in EtOH)
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 2 - 8 °C

**For Laboratory Use Only**